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- C. When dripping stops
D. Either A or C is correct
6. How must parts be oriented during cleaning?
- A. It does not matter as long as they fit in the parts basket.
B. So that the solvent pools in the cavities where the dirt is concentrated.
C. So that solvent drains from them freely.
7. During startup, what must be turned on first, the primary condenser or the sump heater?
- A. Primary condenser
B. Sump heater
C. Turn both on at same time
D. Either A or B is correct
8. During shutdown, what must be turned off first, the primary condenser or the sump heater?
- A. Primary condenser
B. Sump heater
C. Turn both off at same time
D. Either A or B is correct
9. In what manner must solvent be added to and removed from the solvent cleaning machine?
- A. With leak proof couplings
B. With the end of the pipe in the solvent sump below the liquid solvent surface.
C. So long as the solvent does not spill, the method does not matter.
D. A and B
10. What must be done with waste solvent and still and sump bottoms?
- A. Pour down the drain
B. Store in closed container
C. Store in a bucket
D. A or B
11. What types of materials are prohibited from being cleaned in solvent cleaning machines using halogenated HAP solvents?
- A. Sponges
B. Fabrics
C. Paper
D. All of the above

Control Device Specific Questions

[] Freeboard Refrigeration Device

1. What temperature must the FRD achieve?
- A. Below room temperature
B. 50 °F

- C. Below the solvent boiling point
D. 30 percent below the solvent boiling point

[] Working-Mode Cover

2. When can a cover be open?
- A. While parts are in the cleaning machine
B. During parts entry and removal
C. During maintenance
D. During measurements for compliance purposes
E. A and C
F. B, C, and D
3. Covers must be maintained in what condition?
- A. Free of holes
B. Free of cracks
C. So that they completely seal cleaner opening
D. All of the above

[] Dwell

4. Where must the parts be held for the appropriate dwell time?
- A. In the vapor zone
B. In the freeboard area above the vapor zone
C. Above the cleaning machine
D. In the immersion sump

ANSWERS

General Questions

1. B
2. A or C
3. E
4. A
5. C
6. C
7. A
8. B
9. D
10. B
11. D

Control Device Specific Questions

1. D
2. F
3. D
4. B

[59 FR 61818, Dec. 2, 1994; 60 FR 29485, June 5, 1995]

APPENDIX B TO SUBPART T OF PART 63—GENERAL PROVISIONS APPLICABILITY TO SUBPART T

| Reference | Applies to subpart T | | Comments |
|-----------------------|----------------------|-----------|--|
| | BCC | BVI | |
| 63.1(a) (1)–(3) | Yes | Yes. | Subpart T (this appendix) specifies applicability of each paragraph in subpart A to subpart T. |
| 63.1(a)(4) | Yes | Yes | |
| 63.1(a)(5) | No | No. | |
| 63.1(a) (6)–(8) | Yes | Yes. | |

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| Reference | Applies to subpart T | | Comments |
|------------------------|----------------------|-----------|--|
| | BCC | BVI | |
| 63.1(a)(9) | No | No. | Subpart T allows submittal of notifications and reports through the U.S. mail, fax, and courier. Subpart T requires that the postmark for notifications and reports submitted through the U.S. mail or other non-Governmental mail carriers be on or before deadline specified in an applicable requirement. |
| 63.1(a)(10) | Yes | Yes. | |
| 63.1(a)(11) | No | No | |
| 63.1(a) (12)–(14) | Yes | Yes. | Subpart T specifies applicability. |
| 63.1(b)(1) | No | No | |
| 63.1(b)(2) | No | Yes. | |
| 63.1(b)(3) | No | No | Subpart T requires that a record of halogenated cleaning machine applicability determination be kept on site for 5 years, or until the cleaning machine changes its operations. The record shall be sufficiently detailed to allow the Administrator to make a finding about the source's applicability status with regard to subpart T. |
| 63.1(c)(1) | Yes | Yes. | |
| 63.1(c)(2) | Yes | Yes | |
| 63.1(c)(3) | No | No. | Subpart T, § 63.460(h) exempts area sources subject to this subpart from the obligation to obtain Title V operating permits. |
| 63.1(c)(4) | Yes | Yes. | |
| 63.1(c)(5) | Yes | Yes | |
| 63.1(d) | No | No. | Subpart T does not require continuous monitoring systems (CMS) or continuous opacity monitoring systems. Therefore, notifications and requirements for CMS and COMS specified in subpart A do not apply to subpart T. |
| 63.1(e) | No | Yes. | |
| 63.2 | Yes | Yes | |
| 63.3(a)–(c) | Yes | Yes. | Subpart T definitions (§ 63.461) for existing and new overlap with the definitions for existing source and new source in subpart A (§ 63.2). Both subpart A and T also define Administrator. |
| 63.4(a) (1)–(3) | Yes | Yes. | |
| 63.4(a)(4) | No | No. | |
| 63.4(a)(5) | Yes | Yes. | Subpart T overrides the requirement for approval prior to constructing a new or reconstructing an existing major source. |
| 63.4(b)–(c) | Yes | Yes. | |
| 63.5(a)(1) | Yes | Yes. | |
| 63.5(a)(2) | Yes | Yes. | Subpart T overrides the requirement to submit an application for approval of construction or reconstruction of a halogenated solvent cleaning machine. |
| 63.5(b)(1) | Yes | Yes. | |
| 63.5(b)(2) | No | No. | |
| 63.5(b)(3) | No | No | Subpart T overrides the requirement to submit an application for approval of construction or reconstruction of a halogenated solvent cleaning machine. |
| 63.5(b)(4)–(6) | Yes | Yes. | |
| 63.5(c) | No | No. | |
| 63.5 (d)–(f) | No | No | Subpart T, § 63.460, specifies compliance dates. |
| 63.6(a) | Yes | Yes. | |
| 63.6(b) (1)–(5) | Yes | Yes | |
| 63.6(b)(6) | No | No. | Subpart T has the same requirements for affected halogenated HAP solvent cleaning machine subcategories that are located at area sources as it does for those located at major sources. |
| 63.6(b)(7) | No | No | |
| 63.6(c)(1)–(2) | Yes | Yes | |
| 63.6(c) (3)–(4) | No | No. | Subpart T allows 3 years from the date of promulgation for both area and major existing sources to comply. |
| 63.6(c)(5) | Yes | Yes | |
| 63.6(d) | No | No. | |
| 63.6(e)(1)–(2) | Yes | Yes. | Subpart T has the same requirements for affected halogenated HAP solvent cleaning machine subcategories that are located at area sources as it does for those located at major sources. |
| 63.6(e)(3) | No | No | |
| 63.6(f)–(g) | Yes | Yes. | |
| 63.6(h) | No | No | Subpart T allows 3 years from the date of promulgation for both area and major existing sources to comply. |
| 63.6(i) (1)–(14) | Yes | Yes. | |
| 63.6(i)(15) | No | No. | |
| 63.6(i)(16) | Yes | Yes. | Subpart T overrides the requirement of a startup, shutdown, and malfunction plan. Subpart T specifies startup and shutdown procedures to be followed by an owner or operator for batch vapor and in-line cleaning machines. |
| 63.6(j) | Yes | Yes. | |
| 63.6(i) (1)–(14) | Yes | Yes. | Subpart T does not require compliance with an opacity or visible emission standard. |
| 63.6(i)(15) | No | No. | |
| 63.6(i)(16) | Yes | Yes. | Subpart T does not require compliance with an opacity or visible emission standard. |
| 63.6(j) | Yes | Yes. | |

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| Reference | Applies to subpart T | | Comments |
|-------------------------|----------------------|-----------|--|
| | BCC | BVI | |
| 63.7(a) | No | Yes | Subpart T gives owners or operators the option to perform an idling emission performance test as a way of demonstrating compliance. Other options are also available that do not require a performance test. This is only required for those owners or operators that choose the idling emission standard as their compliance option. This is only required for those owners or operators that choose the idling emission standard as their compliance option. Subpart T does not require a site-specific test plan for the idling emission performance test. Subpart T does not require a performance test that involves the retrieval of gas samples, and therefore this does not apply. Requirements do not apply to the idling emission performance test option. |
| 63.7(b) | No | Yes | |
| 63.7(c)(1) | No | Yes | |
| 63.7(c) (2)–(3) | No | No | |
| 63.7(c)(4) | No | No | |
| 63.7(d) | No | No | |
| 63.7(e) | No | Yes | |
| 63.7(f) | No | Yes | Subpart T specifies what is required to demonstrate idling emission standard compliance through the use of the Environmental Protection Agency test method 307 and control device monitoring. Reports and records of testing and monitoring are required for compliance verification. Three runs of the test are required for compliance, as specified in § 63.7(e) of subpart A. |
| 63.7(g) | No | Yes | |
| 63.7(h) | No | No | Subpart T does not require the use of a performance test to comply with the standard. The idling emission standard option (which requires an idling emission performance test) is an alternative option offered to owners or operators of batch vapor and in-line cleaning machines for compliance flexibility. |
| 63.8 (a)–(b) | Yes | Yes | Subpart T does not require the use of continuous monitoring systems to demonstrate compliance. |
| 63.8 (c)–(e) | No | No | |
| 63.8(f) | Yes | Yes | Subpart T does not require continuous opacity monitoring systems and continuous monitoring systems data. |
| 63.8(g) | No | No | |
| 63.9(a) (1)–(4) | Yes | Yes | Subpart T includes all of those requirements stated in subpart A, except that subpart A also requires a statement as to whether the affected source is a major or an area source, and an identification of the relevant standard (including the source's compliance date). Subpart T also has some more specific information requirements specific to the affected source (see subpart T, §§ 63.468(a)–(b)). |
| 63.9(b)(1) | Yes | Yes | |
| 63.9(b)(2) | Yes | Yes | The subpart A and subpart T initial notification reports differ (see above). Subpart T does not require an application for approval of construction or reconstruction. |
| 63.9(b)(3) | Yes | Yes | |
| 63.9(b)(4) | No | No | Under subpart T, this requirement only applies to owners or operators choosing to comply with the idling emissions standard. |
| 63.9(b)(5) | Yes | Yes | |
| 63.9(c) | Yes | Yes | Subpart T does not require opacity or visible emission observations. |
| 63.9(d) | Yes | Yes | |
| 63.9(e) | Yes | Yes | Subpart T does not require the use of continuous monitoring systems or continuous opacity monitoring systems. |
| 63.9(f) | No | No | |
| 63.9(g)(1) | No | No | Section 63.468 of subpart T requires an initial statement of compliance for existing sources to be submitted to the Administrator no later than 150 days after the compliance date specified in § 63.460(d) of subpart T. For new sources, this report is to be submitted to the Administrator no later than 150 days from the date specified in § 63.460(c). |
| 63.9(h) | No | No | |
| 63.9(i) | Yes | Yes | Recordkeeping requirements are specified in subpart T. |
| 63.9(j) | Yes | Yes | |
| 63.10(a) | Yes | Yes | Subpart T does not require continuous monitoring systems. |
| 63.10(b) | No | No | |
| 63.10(c) (1)–(15) | No | No | Reporting requirements are specified in subpart T. |
| 63.10(d)(1) | Yes | Yes | |
| 63.10(d)(2) | No | No | Subpart T does not require continuous emissions monitoring systems. |
| 63.10(e) (1)–(2) | No | No | |
| 63.10(e)(3) | No | No | Subpart T does not require continuous opacity monitoring systems. |
| 63.10(e)(4) | No | No | |
| 63.10(f) | Yes | Yes | Flares are not a control option under subpart T. |
| 63.11(a) | Yes | Yes | |
| 63.11(b) | No | No | Subpart T requirements do not require the use of the test methods incorporated by reference in subpart A. |
| 63.12 (a)–(c) | Yes | Yes | |
| 63.13 (a)–(c) | Yes | Yes | |
| 63.14 | No | No | |

| Reference | Applies to subpart T | | Comments |
|--------------------|----------------------|------|----------|
| | BCC | BVI | |
| 63.15(a)–(b) | Yes | Yes. | |

BCC=Batch Cold Cleaning Machines.
BVI=Batch Vapor and In-line Cleaning Machines.

[59 FR 61818, Dec. 2, 1994; 60 FR 29485, June 5, 1995, as amended at 70 FR 75346, Dec. 19, 2005]

Subpart U—National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins

SOURCE: 62 FR 46925, Sept. 5, 1996, unless otherwise noted.

§ 63.480 Applicability and designation of affected sources.

(a) *Definition of affected source.* The provisions of this subpart apply to each affected source. Affected sources are described in paragraphs (a)(1) through (a)(4) of this section.

(1) An affected source is either an existing affected source or a new affected source. Existing affected source is defined in paragraph (a)(2) of this section, and new affected source is defined in paragraph (a)(3) of this section.

(2) An existing affected source is defined as each group of one or more elastomer product process units (EPPU) and associated equipment, as listed in paragraph (a)(4) of this section, that is not part of a new affected source, as defined in paragraph (a)(3) of this section, that is manufacturing the same primary product and that is located at a plant site that is a major source.

(3) A new affected source is defined by the criteria in paragraph (a)(3)(i), (a)(3)(ii), or (a)(3)(iii) of this section. The situation described in paragraph (a)(3)(i) of this section is distinct from those situations described in paragraphs (a)(3)(ii) and (a)(3)(iii) of this section and from any situation described in paragraph (i) of this section.

(i) At a site without HAP emission points before June 12, 1995 (i.e., a “greenfield” site), each group of one or more EPPU and associated equipment, as listed in paragraph (a)(4) of this section, that is manufacturing the same primary product and that is part of a major source on which construction commenced after June 12, 1995;

(ii) A group of one or more EPPU meeting the criteria in paragraph (i)(1)(i) of this section; or

(iii) A reconstructed affected source meeting the criteria in paragraph (i)(2)(i) of this section.

(4) *Emission points and equipment.* The affected source also includes the emission points and equipment specified in paragraphs (a)(4)(i) through (a)(4)(iv) of this section that are associated with each applicable group of one or more EPPU constituting an affected source.

(i) Each waste management unit.

(ii) Maintenance wastewater.

(iii) Each heat exchange system.

(iv) Equipment required by, or utilized as a method of compliance with, this subpart which may include control devices and recovery devices.

(5) EPPUs and associated equipment, as listed in paragraph (a)(4) of this section, that are located at plant sites that are not major sources are neither affected sources nor part of an affected source.

(b) *EPPUs without organic HAP.* The owner or operator of an EPPU that is part of an affected source, as defined in paragraph (a) of this section, but that does not use or manufacture any organic HAP shall comply with the requirements of either paragraph (b)(1) or (b)(2) of this section. Such an EPPU is not subject to any other provision of this subpart and is not required to comply with the provisions of subpart A of this part.

(1) Retain information, data, and analyses used to document the basis for the determination that the EPPU does not use or manufacture any organic HAP. Types of information that could document this determination include, but are not limited to, records of chemicals purchased for the process, analyses of process stream composition, engineering calculations, or process knowledge.